APR -0 9 2002

PTO/SB/94 (3-98)

Approved for use through 01/31/2000. OMB 0651-0036

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

The Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## Requ st for Statutory Invention Registration

Application Number 09/464,090
Filed: October 13, 2000 APR 1 5 2000
HIGH SURFACE AREA, NANOSCALE MESOPOROUS OXIDES WITH CONTROLLED SOLID-PORT ARCHITECTURES AND Titled: METHODS FOR PRODUCTION THEREOF
Applicant(s): Rolison et al
<ul> <li>A. In the above identified patent application, I hereby:</li> <li>1. Request and authorize the Commissioner of Patents and Trademarks to publish the above identified regularly filed patent application as a Statutory Invention Registration. (35 U.S.C. 157)</li> </ul>
<ol> <li>Waive the right to receive a United States patent on the same invention claimed in the above identified patent application. These rights, which are waived, include those specified in 35 U.S.C. 183 and 271 through 289 as well as all attributes specified for patents in any other provisions of law other than title 35, United States Code. The waiver includes, but is not limited to, the remedies under 19 U.S.C. 1337 and 1337a, 22 U.S.C. 2356 and 28 U.S.C. 1498. (35 U.S.C. 157(c))</li> </ol>
3. Understand that the above waiver will be effective pursuant to 37 CFR 1.293 upon publication of the Statutory Invention Registration to waive the inventor's right to receive a United States patent on the invention claimed in the Statutory Invention Registration. (37 CFR 1.293(b)(1))
4. State that, in my opinion, the disclosure and claims of the above identified patent application meet the requirements of 35 U.S.C. 112. (37 CFR 1.293(b)(3))
5. State that, in my opinion, the above identified patent application complies with the requirements for printing as set forth in the Rules of Practice for Patent Cases, 37 CFR Part 1. (37 CFR 1.293(b)(4))
6. Enclose the fee set forth in 37 CFR 1.17(n) or (o) for requesting publication of a Statutory Invention Registration:
A first Office Action has not been mailed in the above application, 37 CFR 1.17(n)\$
A first Office Action <u>has been mailed</u> in the above application, 37 CFR 1.17(o)
MINUS BASIC FILING FEE. IF PREVIOUSLY PAID  Basic filing fee for utility patent application set forth in 37 CFR 1.16(a)
or Basic filing fee for design patent application set forth in 37 CFR 1.16(f)
or Basic filing fee for plant patent application set forth in 37 CFR 1.16(g) Minus basic filing fee \$\frac{1048}{792}\$ Amount due \$\frac{792}{92}\$
Amount enclosed by check or money order
Please charge Deposit Account No. $\frac{50-0281}{}$ the amount of \$ $\frac{792}{}$ .
If payment of any additional fee is required for publication of the Statutory Invention Registration, charge
such amount to Deposit Account No. <u>50-0281</u>
* Where this request is submitted at the time the application
. is filed, the filing fee is included in the fee.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the irdividual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office. Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231

04/10/2002 SSRHDARA 00000007 500281 09464090

01 FC:113

792.00 CH

PTO/SB/94 (3-98)

Approved for use through 01/31/2000. OMB 0651-0036

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

] —		<u> </u>					<u> </u>							-	* .				<del></del>
e C	Nam	e of as	ssignee	e, if any	/, for p	orinting	g on t	he St	atuto	ry Inv	ention (	Regis	stratic	The U	Jnited Sented	State of by the !	f America, a Secretary o C, 20375	as of the	Navy
	Addre State	ess (C of inc	ity and s orporat	State o tion, if a	r Cou assigr	ntry) <u>4</u> nee is a	a corp	Overl oorati	ion_	Ave.,	<u>S.W., C</u>	Code	1008	.2, Was	shingt	on, D	C, 20375	5-53	25
1	•																		
					,					•		· //	1		///			,	
			•							٠.	//	///				٠.	•		
			• . •										1/	N	26	100	<u></u>		<u> </u>
									; /	/5				Reg. No CFR 1.2					
				* .	,	•			-	ĺΣ	attorn	ney or	agent	t of record	d [	appli	icant(s) and	d any	/ assign
											٠.				,				
•				,				e, .					,					ř	•
	٠					,	•						1		•		•		• :
1.				-															* *
ŀ	14			*.	•				٠.			,		•					
	:	*						• . •		•	,	., .*	•						
									•	,						٠.			
		,				100				·		•		•			•	•	
							<i>'-</i>												
		٠	ē									•				*	٠		
			,			,						٠							
			.*.					: •										.•	
			* 4	*-				:											
			••			*,	,			•	•							. *	
		1					•;												
	•																,		*



#71100 4130

#### PATENT APPLICATION

Docket No.: NC 79,854

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Rollison, et al.

Application No.: 09/464,090 09/689, 700

Filed: 10/13/2000

For: HIGH SURFACE AREA, NANOSCALE

MESOPOROUS OXIDES WITH CONTROLLED

SOLID-PORE ARCHITECTURES AND METHODS FOR PRODUCTION THEREOF

Examiner: Steven Bos

Group Art Unit: 1774 /754

April 3, 2002

RECEIVED

APR 1 5 2002
TC 1700

#### RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

This letter is responsive to your Office Action dated December 5, 2001. Applicants respectfully request that this Application be converted to a Statutory Invention Registration under 37 C.F.R. 1.293, with publication of the Specification and Drawings. Please see attached PTO form PTO/SB/94 (10-00), Request for Statutory Invention Registration.

A favorable action at the Examiner's earliest convenience is earnestly solicited.

Kindly charge any additional fees due, or credit overpayment of fees, to Deposit Account No. 50-0281.

Respectfully submitted,

Prepared by:

Philip Edward Ketner

Reg. No. 46,272

(202) 404-1554

John J. Karasek

Reg. No. 36,182

April 3, 2002

APR 0 9 7000 Under Page

1774\$

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
The Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)	792

Complete if Known

Application Number 09/464,090

Filling Date October 13, 2000

First Named Inventor Rolison

Examiner Name Steven Bos

Group Art Unit 1774

Attorney Docket No. 79.854

(4) 132	Attorney bocker No. 175,034	-
METHOD OF PAYMENT	FEE CALCULATION (continued)	2002
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to	3. ADDITIONAL FEES Large Small	1700
Deposit Account 50 0001	Entity Entity	
Number Deposit	Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	Fee Paid
Account Nawal Research Laboratory	105 130 205 65 Surcharge - late filing fee or oath	
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet	
Applicant claims small entity status,	139 130 139 130 Non-English specification	
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination	
2. Payment Enclosed: Check Credit card Money Other	112 920° 11 2 920° Requesting publication of SIR prior to Examiner action	
FEE CALCULATION	113 1,840° 113 1,840° Requesting publication of SIR after Examiner action	792
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month	
Large Entity Small Entity	116 400 216 200 Extension for reply within second month	
Fee Fee Fee Fee Description	117 920 217 460 Extension for reply within third month	
Code (\$) Code (\$) Fee Paid 101 740 201 370 Utility filing fee	118 1,440 218 720 Extension for reply within fourth month	
106 330 206 165 Design filing fee	128 1,960 228 980 Extension for reply within fifth month	
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal	
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal	
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing	
	138 1,510 138 1,510 Petition to institute a public use proceeding	
SUBTOTAL(1) (\$) O	140 110 240 55 Petition to revive - unavoidable	
2. EXTRA CLAIM FEES	141.1,280.241.640 Petition to revive - unintentional	
Fee from Extra Claims <u>below</u> <u>Fee Paid</u>	142 1,280 242 640 Utility issue fee (or reissue)	
Total Claims -20- = X -	143 460 243 230 Design issue fee	
Independent	144 620 244 310 Plant issue fee	
Multiple Dependent	122 130 122 130 Petitions to the Commissioner	
,	123 50 123 50 Processing fee under 37 CFR 1.17(c)	
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt	
Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per	
103 18 203 9 Claims in excess of 20	property (times number of properties)	<u> </u>
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection (37 CFR § 1,129(a))	
104 280 204 140 Multiple dependent claim, if not paid  109 84 209 42 "Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))	
110 18 210 9 Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)	L,
and over original patent	169 900 169 900 Request for expedited examination of a design application	1
SUBTOTAL (2) (\$) 0	Other fee (specify)	
or number previously paid, if greater, For Reissues, see above	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 79	2

SUBMITTED BY		Complete (if applicable)					
Name (Print/Type)	John J. Karasek		Registration No. (Attorney/Agent) 36,182	Telephone	202-404-1552		
Signature				Date	\$/4/2		

WABNING! Information on this form may become public. Credit card information should not / be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.